

Title (en)

Electric control apparatus for automobile and method of compensating for time delay of measured data.

Title (de)

Elektrisches Steuergerät für Kraftfahrzeug und Kompensationsverfahren der Zeitverzögerung von Messdaten.

Title (fr)

Appareil de commande électrique pour automobile et méthode de compensation du retard de mesure des données.

Publication

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Application

EP 89110503 A 19890609

Priority

JP 14452488 A 19880610

Abstract (en)

An apparatus for and method of compensating time delay of measured data in an electric control unit for an automobile which has a measuring unit (8, 15, 91, 92, 30-34, 38) for measuring a data value representing at least one state of a controllable device mounted on the automobile and an operation processing unit (20) for calculating at least one control value to be applied to the controllable device on the basis of output data values of the measuring means. Successive output data values of the measuring unit are stored in a memory unit. An estimation value representing the one state of the controllable device at a future time point is calculated at a current time point on the basis of an output data value of the measuring unit at a current time point and at least one output data value previously stored in the memory unit. The operation processing unit (20) calculates the control value on the basis of the estimation value to thereby compensate for a data delay for the measuring unit.

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CPC (source: EP KR US)

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Cited by

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